



NITFS Compliance Registration



Product: OV-3 Special Products Generation Systems (SPGS and SPGS-1)
SPGS Software Version 4_2

Sponsor: ORBIMAGE

Date: 24 September 2004

Expiration: 23 September 2006

Registration #: 1021

Developer: ORBIMAGE

- ☒ Initial Registration
- ☐ Supplemental/Update #
- ☐ Derived from Reg. #

☒ **System**
N-0105/98, §4.1.1

☐ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

-ORBIMAGE SPGS Software (Version 4_2)
Pentium/Xeon (NT/2003/XP Professional)

NITFS Features Implemented:

Format

- ☒ NITF
- ☒ v2.1
- ☒ v2.0
- ☐ v1.1
- ☐ NSIF
- ☐ v1.0

Pixel Value Types

- ☐ Boolean
- ☒ Integer
- ☐ Signed Integer *
- ☐ IEEE Real *
- ☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
- ☐ CGM, 2301
- ☐ CGM, 2301A
- ☐ Labels **

Text Segments

- ☒ STA
- ☐ UT1
- ☐ U8S
- ☐ MTF

Image Segment Types

- ☒ MONO
- ☐ RGB
- ☐ RGB/LUT
- ☐ YCbCr
- ☒ MULTI
- ☐ NODISPLAY
- ☐ POLAR

Image Compression

- ☒ Not Compressed
- ☐ JPEG Lossy, 8-bit
- ☐ JPEG Lossy, 12-bit
- ☐ JPEG Downsample
- ☐ JPEG Lossless
- ☐ JPEG 2000
- ☐ Bi-Level
- ☐ Vector Quantization
- ☐ Multispectral JPEG, Individual Band

Data Extension Segments

- ☐ TRE_OVERFLOW
- ☐ STREAMING_FILE_HEADER
- ☐ Controlled Extensions **
- ☐ Registered Extensions **

Tagged Record Extensions

- ☒ Commercial
- RPC00B
- STDIDC
- USE00A
- STREOB

Legend

Interpret	<input checked="" type="checkbox"/>	Fully implemented
Generate	<input checked="" type="checkbox"/>	Partially implemented
	<input type="checkbox"/>	Not implemented

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
a product for the intended use. Optional NITFS features may not be implemented.